IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Reissue Application No.:	To Be Assigned
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Patentees:	Douglas M. Beall, David L. Hickman, and Gregory A. Merkel
For:	Cordierite Body

Mail Stop Reissue
Commissioner for Patents
P.O. Box 1450
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Preliminary Amendment pursuant to 37 CFR 1.173(b)

Sir:

Please amend the following claims as indicated:

15. (amended) A diesel particulate filter comprising a cordierite body having a CTE (25-800°C) of greater than $4x10^{-7}$/°C and less than 13 $x10^{-7}$/°C, a bulk filter density of at least 0.60 g/cm^3, and a pressure drop in [Kpa] kPa across a 2 inch diameter by 6 inch length sample section of the filter of less than 8.9 – 0.035 (number of cells per square inch) + 300 (cell wall thickness in inches) at an artificial carbon soot loading of 5 grams/liter and a flow rate of 26 scfm, wherein the filter has the shape of a honeycomb, the honeycomb having an inlet end and an outlet end, and a multiplicity of cells extending from the inlet end to the outlet end, the cells having porous walls, wherein part of the total number of cells at the inlet end are plugged along a portion of their lengths, and the remaining part of cells that are open at the inlet end are plugged at the outlet end along a portion of their lengths, so that an engine exhaust stream passing through the cells of the honeycomb from the inlet end to the outlet end flows into the open cells, through the cell walls, and out of the structure through the open cells at the outlet end.